

A NEW FORM OF ROBINIA FROM VERMONT

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ROBINIA PSEUDO-ACACIA f. OSWALDIAE Oswald, f. nov.

Haec forma a forma typica speciei recedit leguminibus calicibusque (sub anthesi) pedicellisque (sub fructi) puniceo-purpureis et foliolis subtus petiolisque persistente pubescentibus.

This form differs from the typical form of the species in having legumes Pomegranate-purple, Indian Lake, and/or Deep Hellebore Red. Calyxes of flowers in spring, and pedicels at fruiting stage, also of the same colors. Undersides of the leaves pubescent throughout entire season, especially on the veins and lower portions, and upon the petioles. Colors matched according to COLOR STANDARDS AND NOMENCLATURE, by Robert Ridgway.

This new form was collected by the author on September 5, 1971, from the south floodbank of the Roaring Branch, approximately 1000 feet upstream from the Molly Stark Trail (Vt. Route 9) bridge, and is deposited in the herbarium of Aarhus University, Aarhus, Denmark.

This tree is named in honor of Eileen Wolde Oswald, co-discoverer with the author.

Varieties thus far described of Robinia pseudo-acacia are as follows:

purpurea Schneid. -- young leaves purple

aurea Kirchn. -- leaves yellow

coluteoides Neum. -- leaflets smaller, oblong-obovate, rounded at apex, cuneate at base; very floriferous

amorphifolia Link -- leaflets narrow, oblong

microphylla Loud. -- leaflets small and narrow

myrtifolia (K. Koch) Schneid. -- leaflets 11-19, oval or broadly oval, 1-1.5 cm. long, rounded or slightly emarginate at apex

crispa P. DC. -- leaflets with undulate and curled margins

linearis Kirchn. -- leaflets linear; of spreading slender habit

dissecta Mottet -- leaflets linear or broader and dissected; of compact habit with short branches

unifoliola Talou -- leaves with only one large

- leaflet, occasionally 2--7
- erecta Rehd. -- of columnar habit; leaves with one or a few large leaflets
- dependens Rehd. -- of pendulous habit; leaves with one or a few large leaflets
- inermis P. DC. -- branches unarmed
- umbraculifera P. DC. -- branches forming a dense subglobose head, unarmed; rarely flowering; usually grafted high as an avenue tree and formal plantings
- rehderii Kirchn. -- a low subglobose form, usually grown on its own roots
- bessoniana Kirchn. -- similar to umbraculifera but with slenderer branches forming a less dense head of more ovoid outline
- tortuosa P. DC. -- a slow-growing form with short twisted branches, sometimes pendulous at the tips
- rozynskyana Spaeth -- leaves 25--40 cm. long, pendulous; leaflets 15--21, oblong, 3--6 cm. long; racemes long; flowers large
- pendula Loud. -- with somewhat pendulous branches
- ulriciana Hartwig -- with slenderer more decidedly pendulous branches
- pyramidalis Pepin -- a columnar form with unarmed erect branches
- stricta Link -- a pyramidal form with ascending branches
- semperflorens Carr. -- flowering during the whole summer
- decaisneana Carr. -- flowers light rose-color
- rectissima Raber. -- with erect branches